Serial No.: 09/469,670
Group Art Unit: 2662
Examiner: David E. Odland

Amendment to the Claims:

1. (Currently Amended) A router for ~~protocol for a portable router framework~~ providing transportation of messages between a main processor ~~having a protocol~~ and packet flow processors ~~having a protocol~~, the messages transported via a transport media, the router ~~protocol~~ comprising:

a Dynamic Routing and Control (DRC) driver including a plurality of Application Program Interfaces (API) for interfacing to the main processor;

a transport interface for interfacing between said DRC driver APIs and the transport media;

a Packet Flow Processor (PFP) driver including a plurality of Application Program Interfaces (API) for interfacing to the packet flow processors;

a transport interface for interfacing between said PFP driver APIs and the transport media; and

said DRC driver and said PFP driver transporting messages between the main processor and the packet flow processors.

2. (Currently Amended) The router ~~protocol~~ of Claim 1 wherein said messages transported between the main processor and the packet flow processors include internet protocol, routing table distribution and control and maintenance messages.

3. (Currently Amended) The router ~~protocol~~ of Claim 1 wherein said PFP driver transports traffic messages between ingress and egress ports of one or more of the packet flow processors ~~an PFP~~ via the transport media.

4. (Currently Amended) The router ~~protocol~~ of Claim 3 wherein said traffic includes internet protocol and multi-protocol labels(MPLS) traffic.

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5. (Currently Amended) The router ~~protocol~~ of Claim 1 wherein said DRC driver translates message format and routing information between a first protocol used by the main processor ~~protocol~~ and a second protocol used by the transport media ~~protocol~~.

6. (Currently Amended) The router ~~protocol~~ of Claim 1 wherein said DRC driver includes a routing table including addresses of the PFPs.